AMENDMENTS TO THE CLAIMS

1. (Previously presented) A monitor system comprising:

a packet reader configured to scan packets transmitted through a network for pre-specified criteria, wherein the packets include endpoint information and data;

a request/response matcher configured to receive packets that meet the pre-specified criteria from the packet reader, and to match request packets with corresponding response packets;

a message analyzer configured to access the matched packets, determine the structure utilized in the data of the matched packets, and to analyze the data of the matched packets to generate at least a portion of a model of the data; and

computer executable instructions configured to log statistical information regarding the matched packets.

2. (Original) The monitor system according to Claim 1 wherein the request/response matcher and the message analyzer are configured to access a database to store and retrieve the matched packets.

3. (Original) The monitor system according to Claim 1 wherein the packet reader is configured to decipher and reformat the header and data in the packets.

4. (Original) The monitor system according to Claim 1 further comprising:

computer executable instructions configured to monitor transactions between components in the network based on the matched packets.

5. (Original) The monitor system according to Claim 1 further comprising:

computer executable instructions configured to provide information regarding the matched packets to an application program in the network.

6. (Original) The monitor system according to Claim 1 further comprising:

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computer executable instructions configured to provide information regarding the matched packets to a network administration facility for the network.

7. (Original) The monitor system according to Claim 1 further comprising:
computer executable instructions configured to validate the data in subsequent packets based on the data model.

8. (Canceled)
9. (Canceled)
10. (Canceled)

11. (Original) The monitor system according to Claim 1 wherein the monitor system is implemented within a server in the network.

12. (Original) The monitor system according to Claim 1 wherein the monitor system is configured to monitor the packets for a plurality of servers in the network.

13. (Original) The monitor system according to Claim 1 further comprising:
computer executable instructions configured to combine the data from a plurality of related packages to form a message.

14. (Previously presented) A method for monitoring network traffic comprising:
intercepting packets prior to delivering the packets to their destination;
determining whether the packets match a pre-defined format;
matching request and response packets among the packets that match the pre-defined format; and
logging statistical information regarding the matched packets.

15. (Original) The method according to Claim 14, wherein the packets include headers with endpoint information, and data, the method further comprising:
combining the data from a plurality of related packages to form a message.

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16. (Original) The method according to Claim 15, further comprising:
determining the content of the message.

17. (Original) The method according to Claim 14, wherein the packets include headers with endpoint information and data, further comprising:
determining traffic flow of the packets in the network based on the endpoint information.

18. (Previously presented) The method according to Claim 14, further comprising:
generating at least a portion of a data model based on information in related packets.

19. (Original) The method according to Claim 18, wherein the packets include headers with endpoint information and data, further comprising:
generating a map of the packets transmitted between the endpoints in the network; and
providing the data model to other components to enable the other components to communicate with the endpoints.

20. (Canceled)

21. (Original) The method according to Claim 18, further comprising:
analyzing the data model for information regarding the security of the message; and
preventing messages that include confidential information from being transmitted to their destination.

22. (Original) The method according to Claim 19, further comprising:
preventing unvalidated messages from being transmitted to their destination.

23. (Original) An apparatus comprising:

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means for intercepting packets prior to delivering the packets to their destination, wherein the packets include headers with endpoint information, and data;

means for determining whether the packets match a pre-defined criteria; and

means for generating at least a portion of a data model for the data in the packets that match the pre-defined criteria.

24. (Original) The apparatus according to Claim 23, further comprising:

means for matching request and response packets among the packets that match the pre-defined criteria; and

means for mapping traffic flow between components in a network based on the endpoint information and the data model.

25. (Original) The apparatus according to Claim 23, further comprising:

means for combining the data from a plurality of related packages that meet the pre-defined criteria to form a message;

means for validating the message based on the data model; and

means for preventing unvalidated messages from being transmitted to their destination.

26. (Previously presented) The apparatus according to Claim 23, further comprising:

means for generating a table of the data model and endpoints that transmit packets that conform to the data model.

27. (Original) The apparatus according to Claim 25, further comprising:

means for analyzing the data model for information regarding the security of the message; and

means for preventing messages that include confidential information from being transmitted to their destination.

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